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(The information in this report indicates the dominant soil condition but does not eliminate the need for onsite investigation)

Map symbol and soil name	Source for roadfill	Source for sand	Source for gravel	Source for topsoil	Shallow excavations
 AcC:	Limitation	Limitation	Limitation	Limitation	Limitation
Aceitunas	 Very limited ~low strength (very limited) ~shrink-swell (moderately limited) 	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Very limited -excess fines (bottom layer) -excess fines (thickest layer)	 very limited ~too clayey (very limited) ~too acid (limited) ~slope (slightly limited)	Very limited -too clayey (very limited) -cutbanks cave (slightly limited) -slope (slightly limited)
Ad: Aguadilla	 Not limited - -	 Probable source ~possible source (thickest layer)	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 Very limited ~too sandy (very limited) ~too acid (slightly limited)	 Very limited ~cutbanks cave (very limited)
Ag: Aguadilla	 Moderately limited ~wetness (moderately limited) 	Probable source ~excess fines (thickest layer)	 Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 Very limited ~too sandy (very limited) ~excess salts (moderately limited) ~wetness (moderately limited)	 very limited ~cutbanks cave (very limited) ~wetness (very limited)
AmB: Amelia	 Moderately limited ~shrink-swell (moderately limited) 	 very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Possible source -excess fines (thickest layer) -possible source (bottom layer)	 Very limited ~small stones (very limited) ~area reclaim (very limited) ~too clayey (very limited)	 Very limited ~cutbanks cave (very limited) ~too clayey (moderately limited

Map symbol and soil name	Source for roadfill	Source for sand	Source for gravel	Source for topsoil	Shallow excavations
AmC2:	 Limitation 	Limitation	Limitation	Limitation	Limitation
Amelia	Moderately limited ~shrink-swell (moderately limited) 	Very limited -excess fines (thickest layer) -excess fines (bottom layer)	Possible source -excess fines (thickest layer) -possible source (bottom layer)	Very limited ~small stones (very limited) ~area reclaim (very limited) ~too clayey (very limited)	Very limited ~cutbanks cave (very limited) ~too clayey (moderately limited) ~slope (slightly limited)
An:			i		
Arenales	Not limited 	Possible source -possible source (thickest layer) -possible source (bottom layer)	Very limited -excess fines (bottom layer) -excess fines (thickest layer)	Very limited ~too sandy (very limited) ~area reclaim (very limited)	Very limited ~cutbanks cave (very limited) ~flooding (moderately limited)
Ar:					
Arenales	Not limited - - -	Possible source ~possible source (thickest layer) ~possible source (bottom layer)	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	Very limited ~too sandy (very limited) ~area reclaim (very limited)	Very limited ~cutbanks cave (very limited) ~flooding (moderately limited)
Ba:			i		
Bajura	Very limited ~shrink-swell (very limited) ~low strength (very limited) ~wetness (limited)	Very limited -excess fines (thickest layer) -excess fines (bottom layer)	Very limited -excess fines (bottom layer) -excess fines (thickest layer)	Very limited ~excess salts (very limited) ~too clayey (very limited) ~wetness (limited)	Very limited ~wetness (very limited) ~too clayey (limited) ~flooding (moderately limited)
Bc:	İ				
Bajura	Very limited ~shrink-swell (very limited) ~low strength (very limited) ~wetness (limited)	Very limited -excess fines (thickest layer) -excess fines (bottom layer)	Very limited -excess fines (bottom layer) -excess fines (thickest layer)	Very limited ~too clayey (very limited) ~wetness (limited)	Very limited

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 Map symbol and soil name	 Source for roadfill	Source for sand	 Source for gravel	Source for topsoil	 Shallow excavations
 	 Limitation 	 Limitation 	 Limitation 	 Limitation 	 Limitation
CbD2: Caguabo 	 Very limited ~depth to bedrock (very limited) ~slope (slightly limited)	 Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 Very limited ~depth to bedrock (very limited) ~slope (very limited) ~too sandy (very limited)	 Very limited ~hard bedrock <40" (very limited) ~slope (very limited) ~cutbanks cave (slightly limited)
 CbF2:			 	 	
Caguabo	Very limited ~depth to bedrock (very limited) ~slope (very limited) 	Very limited -excess fines (thickest layer) -excess fines (bottom layer)	Limited ~excess fines (bottom layer) ~excess fines (thickest layer)	Very limited ~depth to bedrock (very limited) ~slope (very limited) ~small stones (very limited)	Very limited ~hard bedrock <40" (very limited) ~slope (very limited) ~cutbanks cave (slightly limited)
 CdB:	 		 		
Candelero	Limited ~wetness (limited) 	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer) 	Limited ~wetness (limited) ~too sandy (moderately limited) ~too clayey (moderately limited)	Very limited ~wetness (very limited) ~cutbanks cave (slightly limited)
CdC2:			į	į	
Candelero	Limited ~wetness (limited) 	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer) 	Limited ~wetness (limited) ~too sandy (moderately limited) ~too clayey (moderately limited)	~slope

Map symbol and soil name	 Source for roadfill	Source for sand	Source for gravel	 Source for topsoil	 Shallow excavations
ga.	Limitation	 Limitation	Limitation	 Limitation	 Limitation
Ce:				1	1
Cartagena	Very limited	Very limited	Very limited	Very limited	Very limited
	~shrink-swell	~excess fines	~excess fines	~excess salts	~cutbanks cave
	(very limited)	(thickest layer)	(bottom layer)	(very limited)	(very limited)
	~low strength	~excess fines	~excess fines	~too clayey	~wetness
	(very limited)	(bottom layer)	(thickest layer)	(very limited)	(limited)
] 	~excess sodium (very limited)	~too clayey (limited)
Cf:	į	İ	į		
Catano	Not limited	 Probable source	 Verv limited	 Very limited	 Very limited
cacano		~possible source	~excess fines	-too sandy	~cutbanks cave
		(thickest layer)	(bottom layer)	(very limited)	(very limited)
		(chronese rayer)	~excess fines	~excess lime	(101) 111111000)
			(thickest layer)	(limited)	
CgC2:			 	 	
Cayagua	Very limited	Very limited	Very limited	Very limited	Very limited
	~wetness	~excess fines	~excess fines	~wetness	~wetness
	(very limited)	(thickest layer)	(bottom layer)	(very limited)	(very limited)
		~excess fines	~excess fines	~too sandy	~too clayey
	İ	(bottom layer)	(thickest layer)	(limited)	(moderately limited
	İ		İ	~slope	~cutbanks cave
	İ	İ	ļ	(slightly limited)	(slightly limited)
CgD2:					
Cayagua	Very limited	Very limited	Very limited	Very limited	Very limited
	~wetness	~excess fines	~excess fines	~slope	~wetness
	(very limited)	(thickest layer)	(bottom layer)	(very limited)	(very limited)
	~slope	~excess fines	~excess fines	~wetness	-slope
	(slightly limited)	(bottom layer)	(thickest layer)	(very limited)	(very limited)
			ļ	~too sandy	-too clayey
ClB:] 	(limited)	(moderately limited
Coamo	 Very limited	 Very limited	 Verv limited	 Very limited	 Verv limited
	~low strength	~excess fines	~excess fines	~area reclaim	~cutbanks cave
	(very limited)	(thickest layer)	(bottom layer)	(very limited)	(very limited)
	~shrink-swell	~excess fines	~excess fines	-too clayey	-too clayey
	(limited)	(bottom layer)	(thickest layer)	(limited)	(limited)

Map symbol and soil name	Source for roadfill	 Source for sand	 Source for gravel	Source for topsoil	 Shallow excavations
	Limitation	Limitation	 Limitation	Limitation	 Limitation
ClC:	 Very limited	 Very limited	 Very limited	 Very limited	 Very limited
Codaile	"low strength (very limited) "shrink-swell (limited)	-excess fines (thickest layer) -excess fines (bottom layer)	~excess fines (bottom layer) ~excess fines (thickest layer)	<pre> "area reclaim (very limited) "too clayey (limited) "slope (slightly limited)</pre>	cutbanks cave (very limited) ctoo clayey (limited) cslope (slightly limited)
Co: Coloso	 - Very limited ~low strength (very limited)	 Very limited ~excess fines (thickest layer)	 Very limited ~excess fines (bottom layer)	 Very limited ~too clayey (very limited)	 Limited ~wetness (limited)
	very limited, ~shrink-swell (moderately limited) 	~excess fines	~excess fines (thickest layer)	(very rimiteed)	<pre> (Timited) -flooding (moderately limited) -too clayey (moderately limited) </pre>
Cr: Coloso	 Very limited ~low strength (very limited) ~shrink-swell (moderately limited)	Very limited -excess fines (thickest layer) -excess fines (bottom layer)	 Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 Very limited ~too clayey (very limited) 	 Limited ~wetness (limited) ~flooding (moderately limited) ~too clayey (moderately limited)
Cs: Corcega	 Moderately limited ~wetness (moderately limited) 	 Probable source ~excess fines (thickest layer)	 Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 Moderately limited ~too sandy (moderately limited) ~wetness (moderately limited) ~too clayey (slightly limited)	 Very limited ~cutbanks cave (very limited) ~wetness

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<u> </u>	I		<u> </u>	<u> </u>	
Map symbol and soil name	 Source for roadfill 	Source for sand	Source for gravel	 Source for topsoil 	 Shallow excavations
	Limitation	Limitation	Limitation	Limitation	Limitation
DaC:	j i				ĺ
Daguao variant	Very limited	Very limited	Very limited	Very limited	Moderately limited
	~low strength (very limited)	~excess fines (thickest layer)	~excess fines (bottom layer)	~too clayey (very limited)	<pre> ~too clayey (moderately limited)</pre>
	(very limited) ~depth to bedrock	<pre>~excess fines</pre>	cottom layer)	(very limited) 	cutbanks cave
	(moderately limited)	(bottom layer)	(thickest layer)		(slightly limited)
	~shrink-swell (slightly limited)				
	(Silghely limited)				
DcE2:	j i				İ
Daguao	Very limited	Very limited	Very limited	Very limited	Very limited
	~low strength	~excess fines	~excess fines	~depth to bedrock	~hard bedrock <40" (very limited)
	(very limited) ~depth to bedrock	(thickest layer) ~excess fines	(bottom layer) ~excess fines	(very limited) ~slope	(very limited) ~slope
	(very limited)	(bottom layer)	(thickest layer)	(very limited)	(very limited)
j	~slope		- ·	~too clayey	~too clayey
	(very limited)			(very limited)	(limited)
DeC2:					
Descalabrado	 Very limited	Very limited	 Verv limited	 Verv limited	 Verv limited
	~depth to bedrock	~excess fines	~excess fines	~depth to bedrock	~hard bedrock <40"
	(very limited)	(thickest layer)	(bottom layer)	(very limited)	(very limited)
	~shrink-swell	~excess fines	~excess fines	~small stones	~too clayey
	(very limited) ~low strength	(bottom layer)	(thickest layer)	(very limited) ~too clayey	(moderately limited)
	(very limited)			(very limited)	(slightly limited)
DeE2:					
Descalabrado	 Very limited	Very limited	 Very limited	 Very limited	 Very limited
	~depth to bedrock	~excess fines	~excess fines	~depth to bedrock	~hard bedrock <40"
į	(very limited)	(thickest layer)	(bottom layer)	(very limited)	(very limited)
	~shrink-swell	~excess fines	~excess fines	~slope	~slope
	(very limited)	(bottom layer)	(thickest layer)	(very limited)	(very limited)
	~slope (very limited)			~small stones (very limited)	<pre> ~too clayey (moderately limited) </pre>

Map symbol and soil name	Source for roadfill	Source for sand	Source for gravel	Source for topsoil	Shallow excavations
OgF2:	 Limitation	 Limitation 	Limitation	Limitation	Limitation
Descalabrado	Very limited ~depth to bedrock (very limited) ~slope (very limited)	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	Very limited ~depth to bedrock (very limited) ~slope (very limited) ~small stones (very limited)	Very limited ~hard bedrock <40" (very limited) ~slope (very limited) ~too clayey (moderately limited
Guayama	Very limited -depth to bedrock (very limited) -slope (very limited) -low strength (very limited)	Very limited -excess fines (thickest layer) -excess fines (bottom layer)	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	Very limited ~depth to bedrock (very limited) ~slope (very limited) ~too clayey (limited)	Very limited ~hard bedrock <40" (very limited) ~slope (very limited) ~cutbanks cave (slightly limited)
DrF:					İ
Descalabrado	Very limited ~slope (very limited) ~depth to bedrock (very limited) 	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer) 	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	Very limited ~depth to bedrock (very limited) ~slope (very limited) ~small stones (very limited)	Very limited ~hard bedrock <40" (very limited) ~slope (very limited) ~too clayey (moderately limited
Rock land	 Not rated 	 Not rated 	Not rated	Not rated 	Not rated
FaC:		 			Í Í
Fajardo	Very limited ~low strength (very limited) ~shrink-swell (very limited)	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	Very limited ~too clayey (very limited) 	Moderately limited ~too clayey (moderately limited ~cutbanks cave (slightly limited) ~wetness (slightly limited)

Map symbol and soil name	Source for roadfill	Source for sand	Source for gravel	Source for topsoil	Shallow excavations
	Limitation	Limitation	Limitation	Limitation	 Limitation
aC2:		<u> </u>	Į.	ļ	
Fajardo	Very limited	Very limited	Very limited	Very limited	Moderately limited
	~low strength	~excess fines	~excess fines	~too clayey	~too clayey
i	(very limited)	(thickest layer)	(bottom layer)	(very limited)	(moderately limited
İ	~shrink-swell	~excess fines	~excess fines	İ	~cutbanks cave
i	(very limited)	(bottom layer)	(thickest layer)	i	(slightly limited)
i	(::=2 =====;	((i	~wetness
i		i	i	i	(slightly limited)
o:		i	i	i	(Bilghely limited)
Fortuna	 Very limited	 Very limited	 Very limited	 Very limited	 Limited
Tor cuita	~low strength	~excess fines	~excess fines	-too clayey	~wetness
i	(very limited)	(thickest layer)	(bottom layer)	(very limited)	(limited)
:	<u> </u>	! · - · · · - · · · · · · · · · · · · ·	! · ·	! ' -	! '
	~shrink-swell	~excess fines	-excess fines	~too acid	~flooding
	(very limited)	(bottom layer)	(thickest layer)	(slightly limited)	(moderately limited
!	~wetness	!	ļ	~wetness	~too clayey
!	(slightly limited)	!	ļ	(slightly limited)	(moderately limited
		!	ļ		<u> </u>
rA:			1		
Fraternidad	Very limited	Very limited	Very limited	Very limited	Very limited
	~shrink-swell	~excess fines	~excess fines	-too clayey	~cutbanks cave
	(very limited)	(thickest layer)	(bottom layer)	(very limited)	(very limited)
	~low strength	~excess fines	~excess fines	~small stones	~too clayey
	(very limited)	(bottom layer)	(thickest layer)	(limited)	(limited)
rB:			İ		
Fraternidad	 Very limited	 Very limited	 Very limited	 Very limited	 Very limited
riacerniaaa	~shrink-swell	~excess fines	~excess fines	-too clayey	~cutbanks cave
i	(very limited)	(thickest layer)	(bottom layer)	(very limited)	(very limited)
1	(very rimited) ~low strength	(chickest layer) ~excess fines	(BOCCOM layer) ~excess fines	(very limited) ~small stones	(very rimited) ~too clayey
-	~10w strength (very limited)	(bottom layer)	(thickest layer)	(limited)	~too clayey (limited)
1	(very limited)	(DOCCOM Tayer)	(thickest layer)	(IIMICed)	(IIMICed)
m:]
Guamani	Not limited	Very limited	 Very limited	Very limited	Moderately limited
i	İ	~excess fines	~excess fines	~small stones	~flooding
j		(thickest layer)	(thickest layer)	(very limited)	(moderately limited
i		~excess fines	~excess fines	~area reclaim	~cutbanks cave
	l	1		!	•
i		(bottom laver)	(bottom laver)	(very limited)	(slightly limited)
		(bottom layer)	(bottom layer)	(very limited) ~too sandy	(slightly limited)

Map symbol and soil name	 Source for roadfill	Source for sand	 Source for gravel	 Source for topsoil 	 Shallow excavations
	Limitation	Limitation	 Limitation	Limitation	Limitation
GuE2:		i	<u> </u>		i
Guayabota	Very limited	Very limited	Very limited	Very limited	Very limited
	~low strength	~excess fines	~excess fines	~depth to bedrock	~hard bedrock <40"
	(very limited)	(thickest layer)	(bottom layer)	(very limited)	(very limited)
	~depth to bedrock	~excess fines	~excess fines	~slope	~slope
	(very limited)	(bottom layer)	(thickest layer)	(very_limited)	(very limited)
	~shrink-swell			~too clayey	~wetness
	(very limited)		<u> </u>	(very limited)	(very limited)
GvF:					ŀ
Guayabota	 Very limited	 Very limited	 Very limited	 Very limited	 Very limited
•	~slope	~excess fines	~excess fines	~depth to bedrock	~hard bedrock <40"
	(very limited)	(thickest layer)	(bottom layer)	(very limited)	(very limited)
	~low strength	~excess fines	~excess fines	~slope	~slope
	(very limited)	(bottom layer)	(thickest layer)	(very limited)	(very limited)
	~depth to bedrock			~too clayey	~wetness
	(very limited)	<u> </u>	1	(very limited)	(very limited)
Ciales	 Very limited	 Very limited	 Very limited	 Very limited	 Very limited
5-4-55	~low strength	~excess fines	~excess fines	-too clayey	~wetness
	(very limited)	(thickest layer)	(bottom layer)	(very limited)	(very limited)
	~slope	~excess fines	~excess fines	~slope	~slope
	(very limited)	(bottom layer)	(thickest layer)	(very limited)	(very limited)
	~wetness			~wetness	-too clayey
	(limited)			(limited)	(moderately limited)
Picacho	 Very limited	 Very limited	 Very limited	 Very limited	 Very limited
	~low strength	~excess fines	~excess fines	~slope	~slope
	(very limited)	(thickest layer)	(bottom layer)	(very limited)	(very limited)
	~slope	~excess fines	~excess fines	~too clayey	~too clayey
	(very limited)	(bottom layer)	(thickest layer)	(very limited)	(limited)
	~shrink-swell	ļ		-too acid	~cutbanks cave
	(slightly limited)	ļ		(limited)	(slightly limited)

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Map symbol and soil name	Source for roadfill	Source for sand	Source for gravel	Source for topsoil	Shallow excavations
	Limitation	Limitation	Limitation	Limitation	Limitation
GyC2:					
Guayama variant	Very limited	Very limited	Very limited	Very limited	Limited
	~low strength	~excess fines	~excess fines	~depth to bedrock	~soft bedrock <40"
	(very limited)	(thickest layer)	(bottom layer)	(very limited)	(limited)
	~depth to bedrock	~excess fines	~excess fines	~too clayey	-too clayey
	(very limited)	(bottom layer)	(thickest layer)	(very limited)	(moderately limited
	~shrink-swell		!		~cutbanks cave
	(moderately limited)		1		slightly limited)
ImB:			1		
Humacao	 Very limited	 Very limited	 Very limited	 Moderately limited	 Slightly limited
Titula Ca C	~low strength	~excess fines	~excess fines	-too sandy	~cutbanks cave
	(very limited)	(thickest layer)	(bottom layer)	(moderately limited)	
	('01') 111000')	~excess fines	~excess fines	-too clayey	(Blighely limited)
	i	(bottom layer)	(thickest layer)	(moderately limited)	i
		(20000 20,02)	(0.11011020 10.701)	(İ
HtE2:	İ	İ	i	i	İ
Humatas	 Very limited	 Very limited	Very limited	Very limited	Very limited
	~low strength	~excess fines	~excess fines	~slope	~slope
	(very limited)	(thickest layer)	(bottom layer)	(very limited)	(very limited)
	~slope	~excess fines	~excess fines	~too clayey	~too clayey
	(very limited)	(bottom layer)	(thickest layer)	(very limited)	(very limited)
	~shrink-swell	İ	İ	~too acid	~cutbanks cave
	(slightly limited)	ļ	ļ	(slightly limited)	(slightly limited)
	ļ	ļ	Į.	ļ	ļ
ItF2:			1		
Humatas	Very limited	Very limited	Very limited	Very limited	Very limited
	~slope	~excess fines	~excess fines	~slope	~slope
	(very limited)	(thickest layer)	(bottom layer)	(very limited)	(very limited)
	~low strength	~excess fines	~excess fines	~too clayey	~too clayey
	(very limited)	(bottom layer)	(thickest layer)	(very limited)	(very limited)
	~shrink-swell		!	~too acid	~cutbanks cave
	(slightly limited)			(slightly limited)	(slightly limited)

Map symbol and soil name	Source for roadfill	Source for sand	Source for gravel	Source for topsoil	 Shallow excavations
	Limitation	 Limitation	Limitation	Limitation	Limitation
HuF:	İ	İ	İ	İ	İ
Humatas	Very limited	Very limited	Very limited	Very limited	Very limited
	~slope	~excess fines	~excess fines	~slope	~slope
	(very limited)	(thickest layer)	(bottom layer)	(very_limited)	(very_limited)
	~low strength	~excess fines	~excess fines	~too clayey	~too clayey
	(very limited)	(bottom layer)	(thickest layer)	(very limited)	(very limited)
	~shrink-swell		!	~too acid	~cutbanks cave
	(slightly limited)]		(slightly limited)	(slightly limited)
Stony land	 Not rated 	 Not rated 	 Not rated 	 Not rated 	 Not rated
InE2:	Í I	<u> </u> 	Í I	ĺ I	j I
Ingenio	 Very limited	 Very limited	 Very limited	 Very limited	 Very limited
ingenio	~low strength	~excess fines	~excess fines	~slope	~slope
	(very limited)	(thickest layer)	(bottom layer)	(very limited)	(very limited)
	~slope	~excess fines	-excess fines	~too clayey	~too clayey
	(very limited)	(bottom layer)	(thickest layer)	(very limited)	(moderately limited
	~shrink-swell	(Doccom layer)	(chickese layer)	(very rimited) ~too acid	~cutbanks cave
	(slightly limited)	 	! !	(moderately limited)	
JaB:	(Slightly limited)	 		(moderacery rimited)	(Slightly limited)
Jacana	 Very limited	 Very limited	 Very limited	 Very limited	 Limited
Jacana	~low strength	very limited ~excess fines	very limited ~excess fines	very limited ~too clayey	~too clayey
	(very limited)	~excess lines (thickest layer)	(bottom layer)	(very limited)	~too clayey (limited)
		(thickest layer) ~excess fines	(Bottom layer) ~excess fines	! · -	(IIMIted) ~soft bedrock <40"
	~depth to bedrock			~depth to bedrock	!
	(very limited)	(bottom layer)	(thickest layer)	(very limited)	(moderately limited
	~shrink-swell] 	!	!	~cutbanks cave
	(moderately limited)] 			slightly limited)
JaC2:	İ		 	 	
Jacana	Very limited	Very limited	Very limited	Very limited	Limited
	~low strength	~excess fines	~excess fines	~too clayey	~too clayey
	(very limited)	(thickest layer)	(bottom layer)	(very limited)	(limited)
	~depth to bedrock	~excess fines	~excess fines	~depth to bedrock	~soft bedrock <40"
	(very limited)	(bottom layer)	(thickest layer)	(very limited)	(moderately limited
	~shrink-swell		İ	~slope	~cutbanks cave
	(moderately limited)	İ	İ	(slightly limited)	(slightly limited)
	i -	İ	İ	į	į į

Map symbol and soil name	Source for roadfill	Source for sand	Source for gravel	Source for topsoil	Shallow excavations
	Limitation	Limitation	Limitation	Limitation	Limitation
JgE2:	Ī	1	1		ĺ
Jagueyes	 Very limited	Very limited	Very limited	Very limited	 Very limited
	~slope	~excess fines	~excess fines	~slope	~slope
	(very limited)	(thickest layer)	(bottom layer)	(very limited)	(very limited)
	İ	~excess fines	~excess fines	~too acid	~cutbanks cave
	ĺ	(bottom layer)	(thickest layer)	(limited)	(slightly limited)
	1	1		~too clayey	
			ļ	(moderately limited)	
JuC:	 	 	 		
Junquitos	Very limited	Very limited	Very limited	Very limited	Moderately limited
_	~low strength	~excess fines	~excess fines	~too clayey	~too clayey
	(very limited)	(thickest layer)	(bottom layer)	(very limited)	(moderately limited
	~depth to bedrock	~excess fines	~excess fines	~depth to bedrock	~soft bedrock <40"
	(very limited)	(bottom layer)	(thickest layer)	(very limited)	(moderately limited
	~shrink-swell			-too acid	~cutbanks cave
	(very limited)			(slightly limited)	(slightly limited)
LeE2:					
Limones	Very limited	Very limited	Very limited	Very limited	Very limited
	-low strength	~excess fines	~excess fines	~slope	~slope
	(very limited)	(thickest layer)	(bottom layer)	(very limited)	(very limited)
	~slope	~excess fines	~excess fines	-too clayey	-too clayey
	(very limited)	(bottom layer)	(thickest layer)	(very limited)	(limited)
	-shrink-swell	ļ		~too acid	~cutbanks cave
	(slightly limited)			(limited)	(slightly limited)
LoC2:					
Lirios	Very limited	Very limited	Very limited	Very limited	Limited
	-low strength	~excess fines	~excess fines	~too clayey	~too clayey
	(very limited)	(thickest layer)	(bottom layer)	(very limited)	(limited)
	ļ	~excess fines	~excess fines	~too acid	~cutbanks cave
	ļ.	(bottom layer)	(thickest layer)	(slightly limited)	(slightly limited)
LrE2:					
Lirios	Very limited	Very limited	Very limited	Very limited	Very limited
	~low strength	~excess fines	~excess fines	~slope	~slope
	(very limited)	(thickest layer)	(bottom layer)	(very limited)	(very limited)
	~slope	~excess fines	~excess fines	~too clayey	~too clayey
	(very limited)	(bottom layer)	(thickest layer)	(very limited)	(limited)
	!	!		~too acid	~cutbanks cave
	I	I	1	(slightly limited)	(slightly limited)

Map symbol and soil name	Source for roadfill	Source for sand	Source for gravel	Source for topsoil	Shallow excavations
LsD:	Limitation	 Limitation 	 Limitation 	 Limitation 	Limitation
Los guineos	 Very limited ~low strength (very limited) ~shrink-swell (moderately limited)	Very limited -excess fines (thickest layer) -excess fines (bottom layer)	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	Very limited ~too clayey (very limited) ~slope (very limited)	Very limited ~slope (very limited) ~too clayey (limited)
LsE2:	~slope (slightly limited) 		 	<pre> ~too acid (limited) </pre>	-cutbanks cave (slightly limited)
Los guineos	Very limited ~low strength (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	Very limited -excess fines (thickest layer) -excess fines (bottom layer)	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	Very limited ~slope (very limited) ~too clayey (very limited) ~too acid (limited)	Very limited ~slope (very limited) ~too clayey (limited) ~cutbanks cave (slightly limited)
LsF2: Los guineos	 Very limited ~slope (very limited) ~low strength (very limited) ~shrink-swell (moderately limited)	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	very limited rslope (very limited) rtoo clayey (very limited) rtoo acid (limited)	 Very limited ~slope (very limited) ~too clayey (limited) ~cutbanks cave (slightly limited)
LyF: Los guineos	 Very limited ~low strength (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	Very limited -excess fines (thickest layer) -excess fines (bottom layer)	 Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 Very limited ~slope (very limited) ~too clayey (very limited) ~too acid (limited)	 Very limited ~slope (very limited) ~too clayey (limited) ~cutbanks cave (slightly limited)

 Map symbol and soil name	 Source for roadfill	Source for sand	 Source for gravel	 Source for topsoil	 Shallow excavations
	 Limitation 	 Limitation 	Limitation	 Limitation 	Limitation
Yunque	Very limited -low strength (very limited) -slope (limited) -shrink-swell (moderately limited)	Very limited -excess fines (thickest layer) -excess fines (bottom layer)	Very limited -excess fines (bottom layer) -excess fines (thickest layer)	 very limited ~too clayey (very limited) ~slope (very limited) ~too acid (moderately limited)	Very limited -slope (very limited) -too clayey (limited) -cutbanks cave (slightly limited)
 MaB:					
Mabi	Very limited	Very limited -excess fines (thickest layer) -excess fines (bottom layer)	Very limited -excess fines (bottom layer) -excess fines (thickest layer)	 very limited ~too clayey (very limited) ~wetness (slightly limited)	Very limited -wetness (very limited) -too clayey (limited) -cutbanks cave (slightly limited)
 MaC2:]]
Mabi	Very limited	Very limited -excess fines (thickest layer) -excess fines (bottom layer)	Very limited -excess fines (bottom layer) -excess fines (thickest layer)	Very limited ~too clayey (very limited) ~wetness (slightly limited) ~slope (slightly limited)	Very limited -wetness (very limited) -too clayey (limited) -cutbanks cave (slightly limited)
 MaD2:				i	
Mabi 	Very limited ~shrink-swell (very limited) ~low strength (very limited) ~wetness (slightly limited)	Very limited -excess fines (thickest layer) -excess fines (bottom layer)	Very limited -excess fines (bottom layer) -excess fines (thickest layer)	Very limited ~too clayey (very limited) ~slope (very limited) ~wetness (slightly limited)	Very limited -wetness (very limited) -slope (very limited) -too clayey (limited)

Map symbol and soil name	Source for roadfill	Source for sand	Source for gravel	Source for topsoil	 Shallow excavations
McA:	 Limitation 	 Limitation 	Limitation	 Limitation 	 Limitation
Machete	Not limited 	Possible source ~excess fines (thickest layer) ~possible source (bottom layer)	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	Slightly limited ~too sandy (slightly limited) ~too acid (slightly limited)	Very limited ~cutbanks cave (very limited) ~flooding (moderately limited ~too clayey (moderately limited
McB:	<u> </u>	<u> </u>	ļ	j 	<u> </u>
Machete	Not limited 	Possible source -excess fines (thickest layer) -possible source (bottom layer)	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer) 	Very limited ~too clayey (very limited) ~too sandy (slightly limited) ~too acid (slightly limited)	Very limited ~cutbanks cave (very limited) ~flooding (moderately limited ~too clayey (moderately limited
Me:	 	 	 		
Maunabo	Very limited ~low strength (very limited) ~shrink-swell (limited) ~wetness (slightly limited)	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	Very limited ~too clayey (very limited) ~too acid (slightly limited) ~wetness (slightly limited)	Very limited ~wetness (very limited) ~flooding (moderately limited ~too clayey (moderately limited
MlC:	İ		į	i i i i	i -
Mayo MrB:	Not limited 	Limited -excess fines (thickest layer) -excess fines (bottom layer)	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	Limited ~too sandy (limited) ~too acid (slightly limited)	Very limited ~cutbanks cave (very limited)
Meros	 Not limited 	 Probable source 	 Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 Very limited ~too sandy (very limited) ~excess lime (slightly limited)	 Very limited ~cutbanks cave (very limited)

 Map symbol and soil name	 Source for roadfill	 Source for sand 	 Source for gravel	 Source for topsoil	Shallow excavations
 	 Limitation 	 Limitation 	 Limitation 	 Limitation 	Limitation
MuD2:		ĺ			İ
Mucara -	Very limited ~depth to bedrock (very limited) ~shrink-swell (very limited)	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	Very limited ~depth to bedrock (very limited) ~too clayey (very limited)	Very limited ~slope (very limited) ~soft bedrock <40" (limited)
	(very limited) ~slope (slightly limited)	(Bottom Tayer)	(threest layer)	(very limited) ~slope (very limited)	(limited) -too clayey (moderately limited)
MuE2:				<u> </u>	<u> </u>
Mucara	Very limited ~depth to bedrock (very limited) ~slope (very limited) ~shrink-swell (very limited)	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	Very limited ~depth to bedrock (very limited) ~slope (very limited) ~too clayey (very limited)	Very limited ~slope (very limited) ~soft bedrock <40" (limited) ~too clayey (moderately limited)
 NaE2:	 	 	 	 	
Naranjito - - - -	Very limited ~depth to bedrock (very limited) ~low strength (very limited) ~slope (very limited)	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer) 	Very limited ~slope (very limited) ~too clayey (very limited) ~depth to bedrock (limited)	Very limited ~slope (very limited) ~too clayey (moderately limited) ~cutbanks cave (slightly limited)
NaF2:	İ		<u> </u>	İ	İ
Naranjito - - - -	Very limited ~slope (very limited) ~depth to bedrock (very limited) ~low strength (very limited)	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	Very limited ~slope (very limited) ~too clayey (very limited) ~depth to bedrock (limited)	Very limited ~slope (very limited) ~too clayey (moderately limited) ~cutbanks cave (slightly limited)

Map symbol and soil name	Source for roadfill	 Source for sand	 Source for gravel	 Source for topsoil	 Shallow excavations
PaE2:	Limitation	 Limitation	Limitation	 Limitation	 Limitation
Pandura	 Very limited ~depth to bedrock (very limited) ~slope (very limited)	 Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 Very limited ~depth to bedrock (very limited) ~slope (very limited) ~too sandy	 Very limited ~soft bedrock <20" (very limited) ~slope (very limited) ~cutbanks cave
	 	 		~too sandy (limited) 	cutbanks cave (slightly limited)
PaF2: Pandura	 Very limited ~slope (very limited) ~depth to bedrock (very limited)	 Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 Very limited ~depth to bedrock (very limited) ~slope (very limited) ~too sandy (limited)	Very limited ~soft bedrock <20" (very limited) ~slope (very limited) ~cutbanks cave (slightly limited)
PdF: Pandura	 Very limited ~slope (very limited) ~depth to bedrock (very limited)	 Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 Very limited ~depth to bedrock (very limited) ~slope (very limited) ~too sandy (limited)	Very limited
Very stony land	 Not rated 	 Not rated 	 Not rated 	 Not rated 	 Not rated
PeC2:	 	 	 	 	
Parcelas	Very limited ~low strength (very limited) ~shrink-swell (limited)	Very limited -excess fines (thickest layer) -excess fines (bottom layer)	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 Very limited ~too clayey (very limited) ~too acid (limited) ~slope (slightly limited)	Moderately limited ~too clayey (moderately limited ~cutbanks cave (slightly limited) ~slope (slightly limited)

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Construction Materials and Excavating -- Continued

(moderately limited)

Map symbol and soil name Source for roadfill Source for sand Shallow excavations Source for gravel Source for topsoil Limitation Limitation Limitation Limitation Limitation PlB: Limited Paso seco-----|Very limited Very limited Very limited Very limited ~shrink-swell ~excess fines ~cutbanks cave ~excess fines ~area reclaim (very limited) (thickest laver) (thickest layer) (very limited) (very limited) ~low strength ~excess fines ~excess fines ~too clayey ~too clayey (very limited) (bottom layer) (bottom layer) (very limited) (limited) small stones (limited) PmD2: Patillas-----Slightly limited Very limited Very limited Very limited Very limited ~slope ~excess fines ~excess fines ~slope ~slope (slightly limited) (thickest layer) (bottom layer) (very limited) (very limited) ~excess fines ~excess fines ~too sandy ~cutbanks cave (limited) (slightly limited) (bottom layer) (thickest layer) ~too acid ~too clayey (slightly limited) (slightly limited) PmE2: Patillas-----|Very limited Very limited Very limited Very limited Very limited ~slope ~excess fines ~excess fines ~slope ~slope (very limited) (thickest layer) (bottom layer) (very limited) (very limited) ~excess fines ~excess fines ~too sandy ~cutbanks cave (bottom layer) (thickest layer) (limited) (slightly limited) ~too acid ~too clayey (slightly limited) (slightly limited) Pn: |Very limited Very limited Very limited Very limited Very limited ~wetness ~excess fines ~excess fines ~wetness ~wetness (very limited) (thickest layer) (bottom layer) (very limited) (very limited) ~excess fines ~excess fines ~too acid ~flooding (bottom layer) (thickest layer) (slightly limited) (moderately limited) ~too clayey

Map symbol and soil name	Source for roadfill	Source for sand	Source for gravel	Source for topsoil	Shallow excavations
Po:	Limitation	 Limitation	- Limitation	 Limitation	Limitation
Poncena	Very limited -low strength (very limited) -shrink-swell (very limited)	 Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Very limited -excess fines (bottom layer) -excess fines (thickest layer)	 Very limited ~too clayey (very limited)	 Very limited ~cutbanks cave (very limited) ~too clayey (moderately limited
PrC2: Pozo blanco	 Not limited 	 Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	Limited ~excess lime (limited) ~too sandy (slightly limited) ~slope (slightly limited)	 Slightly limited ~cutbanks cave (slightly limited) ~slope (slightly limited)
Re: Reilly	 Not limited 	 Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Possible source -excess fines (thickest layer) -possible source (bottom layer)	 Very limited ~small stones (very limited) ~area reclaim (very limited)	 Very limited ~cutbanks cave (very limited) ~wetness (limited) ~flooding (moderately limited
Rp: Reparada	 Very limited ~wetness (very limited) 	 Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 Very limited ~wetness (very limited)	Very limited
RIG arriba	 Very limited ~low strength (very limited) ~shrink-swell (very limited)	 Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Very limited -excess fines (bottom layer) -excess fines (thickest layer)	 Very limited ~too clayey (very limited) 	 Moderately limited ~too clayey (moderately limited ~cutbanks cave (slightly limited)

Map symbol and soil name	Source for roadfill	Source for sand	Source for gravel	Source for topsoil	Shallow excavations
	 Limitation	Limitation	Limitation	Limitation	Limitation
RrC2:					
Rio arriba	Very limited -low strength (very limited) -shrink-swell (very limited)	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Very limited -excess fines (bottom layer) -excess fines (thickest layer)	Very limited ~too clayey (very limited) ~slope (slightly limited)	Moderately limited ~too clayey (moderately limited ~cutbanks cave (slightly limited) ~slope (slightly limited)
SaE2:					
Sabana	Very limited ~low strength (very limited) ~depth to bedrock (very limited) ~shrink-swell (very limited)	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	Very limited ~depth to bedrock (very limited) ~slope (very limited) ~too clayey (very limited)	Very limited ~hard bedrock <40" (very limited) ~slope (very limited) ~too clayey (moderately limited
SaF2:	İ	i	i	İ	i
Sabana	Very limited -slope (very limited) -low strength (very limited) -depth to bedrock (very limited)	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Very limited -excess fines (bottom layer) -excess fines (thickest layer)	Very limited ~depth to bedrock (very limited) ~slope (very limited) ~too clayey (very limited)	Very limited ~hard bedrock <40" (very limited) ~slope (very limited) ~too clayey (moderately limited
Sm:	İ	İ	İ	1	İ
Salt water marsh	Very limited ~wetness (very limited) 	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	Very limited ~wetness (very limited) ~excess salts (very limited)	Very limited ~wetness (very limited) ~flooding (moderately limited
Ta:	ĺ	ĺ	ĺ	İ	İ
Talante	slightly limited ~wetness (slightly limited) 	Possible source ~possible source (thickest layer) ~possible source (bottom layer)	Very limited -excess fines (bottom layer) -excess fines (thickest layer)	Very limited ~too sandy (very limited) ~too acid (slightly limited) ~wetness (slightly limited)	Very limited ~cutbanks cave (very limited) ~wetness (very limited) ~flooding (moderately limited

Map symbol and soil name	Source for roadfill	Source for sand	Source for gravel	Source for topsoil	Shallow excavations
TeE:	Limitation	 Limitation 	Limitation	Limitation	Limitation
Teja	Very limited ~depth to bedrock (very limited) ~slope (very limited)	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Limited -excess fines (bottom layer) -excess fines (thickest layer)	Very limited ~depth to bedrock (very limited) ~small stones (very limited) ~slope (very limited)	Very limited ~hard bedrock <40" (very limited) ~slope (very limited) ~cutbanks cave (slightly limited)
Tidal flats	 Limited	 Very limited	 Very limited	 Very limited	 Very limited
	-wetness (limited)	~excess fines (thickest layer) ~excess fines (bottom layer)	~excess fines (bottom layer) ~excess fines (thickest layer)	<pre> ~excess salts (very limited) ~wetness (limited) </pre>	<pre> ~wetness (very limited) ~flooding (moderately limited) // (moderately lim</pre>
Ts:	İ		İ	j	İ
Tidal swamp	Very limited ~wetness (very limited) 	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Very limited -excess fines (bottom layer) -excess fines (thickest layer)	Very limited ~wetness (very limited) ~excess salts (very limited)	Very limited ~wetness (very limited) ~flooding (moderately limited
Tt:	İ				
Toa	Very limited ~low strength (very limited) ~shrink-swell (moderately limited)	Very limited -excess fines (thickest layer) -excess fines (bottom layer)	Very limited -excess fines (bottom layer) -excess fines (thickest layer)	Very limited ~too clayey (very limited) 	Moderately limited ~flooding (moderately limited ~too clayey (moderately limited ~cutbanks cave (slightly limited)
UpF:					<u> </u>
Picacho	Very limited ~low strength (very limited) ~slope (very limited) ~shrink-swell (slightly limited)	Very limited <pre>~excess fines (thickest layer) <pre>~excess fines (bottom layer)</pre></pre>	Very limited -excess fines (bottom layer) -excess fines (thickest layer)	Very limited ~slope (very limited) ~too clayey (very limited) ~too acid (limited)	Very limited ~slope (very limited) ~too clayey (limited) ~cutbanks cave (slightly limited)

Map symbol and soil name	Source for roadfill	Source for sand	 Source for gravel 	 Source for topsoil	 Shallow excavations
	Limitation	Limitation	 Limitation 	 Limitation 	 Limitation
Utuado	Very limited ~slope (very limited) 	Very limited -excess fines (thickest layer) -excess fines (bottom layer)	Very limited -excess fines (bottom layer) -excess fines (thickest layer)	Very limited ~slope (very limited) ~dense layer (limited) ~too sandy (limited)	Very limited ~slope (very limited) ~dense layer (limited) ~cutbanks cave (slightly limited)
Stony rockland	Not rated	Not rated	Not rated	Not rated 	Not rated
Va: Vayas - - - -	 -low strength (very limited) -shrink-swell (moderately limited)	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Very limited -excess fines (bottom layer) -excess fines (thickest layer)	 Very limited ~too clayey (very limited) 	Limited -wetness (limited) -flooding (moderately limited) -too clayey (moderately limited)
Vc: Vayas - 	 -low strength (very limited) -shrink-swell (moderately limited)	Very limited -excess fines (thickest layer) -excess fines (bottom layer)	Very limited -excess fines (bottom layer) -excess fines (thickest layer)	 Very limited ~too clayey (very limited) 	 Limited ~wetness (limited) ~flooding (moderately limited) ~too clayey (moderately limited)
Veg: Vega alta	 ~low strength (very limited) ~shrink-swell (moderately limited)	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 Very limited ~too clayey (very limited) ~too acid (slightly limited)	 Moderately limited ~too clayey (moderately limited) ~cutbanks cave (slightly limited)

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	<u> </u>			I	
Map symbol and soil name	Source for roadfill	Source for sand	 Source for gravel 	 Source for topsoil 	 Shallow excavations
	Limitation	Limitation	 Limitation	Limitation	Limitation
VeC:			 	 	
Vega alta	Very limited ~low strength (very limited) ~shrink-swell (moderately limited)	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	Very limited ~too clayey (very limited) ~too acid (slightly limited) ~slope (slightly limited)	Moderately limited ~too clayey (moderately limited) ~cutbanks cave (slightly limited) ~slope (slightly limited)
VgA:					
Vega baja	Very limited ~low strength (very limited) ~shrink-swell (limited) ~wetness (slightly limited)	Very limited -excess fines (thickest layer) -excess fines (bottom layer)	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	Very limited ~too clayey (very limited) ~wetness (slightly limited) 	Very limited -wetness (very limited) -too clayey (limited) -flooding (moderately limited)
vlc:] 		 	 	
Via	Very limited -low strength (very limited) -shrink-swell (slightly limited)	Very limited -excess fines (thickest layer) -excess fines (bottom layer)	Possible source -excess fines (thickest layer) -possible source (bottom layer)	Very limited ~area reclaim (very limited) ~too clayey (limited) ~small stones (slightly limited)	Very limited -cutbanks cave (very limited) -too clayey (slightly limited)
VmC: Vieques	 Limited ~depth to bedrock (limited) 	Possible source ~excess fines (bottom layer) ~possible source (thickest layer)	 Possible source ~excess fines (bottom layer) ~possible source (thickest layer)	 Very limited ~too sandy (very limited) ~small stones (very limited) ~depth to bedrock (moderately limited)	Very limited cutbanks cave (very limited) depth to bedrock (limited) slope (slightly limited)

Map symbol and soil name	Source for roadfill	Source for sand	Source for gravel	Source for topsoil	 Shallow excavations
VmE2:	Limitation	 Limitation 	Limitation	 Limitation 	 Limitation
Vieques	Very limited ~slope (very limited) ~depth to bedrock (limited)	Possible source -excess fines (bottom layer) -possible source (thickest layer)	Possible source ~excess fines (bottom layer) ~possible source (thickest layer)	Very limited ~too sandy (very limited) ~small stones (very limited)	Very limited -cutbanks cave (very limited) -slope (very limited)
***		(chrokest layer)	(chickest layer)	~slope (very limited)	(Very rimited) -depth to bedrock (limited)
Vs: Vives	 Very limited ~low strength (very limited) 	 Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Very limited	 Moderately limited ~too clayey (moderately limited) ~small stones (slightly limited)	 Slightly limited ~cutbanks cave (slightly limited) ~too clayey (slightly limited)
VvA:	 			(Blightly limited)	
Vives	Very limited ~low strength (very limited) 	Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	Moderately limited ~too clayey (moderately limited) ~small stones (slightly limited)	Moderately limited ~too clayey (moderately limited ~cutbanks cave (slightly limited)
VvB: Vives	 Very limited ~low strength (very limited) 	 Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	Moderately limited rtoo clayey (moderately limited) rsmall stones (slightly limited)	 Moderately limited ~too clayey (moderately limited ~cutbanks cave (slightly limited)
Vw: Vivi	 Not limited 	 Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 Slightly limited ~too acid (slightly limited) ~too sandy (slightly limited)	Very limited -cutbanks cave (very limited) -flooding (moderately limited
Wa: Wet alluvial land	 Very limited ~wetness (very limited) 	 Very limited ~excess fines (thickest layer) ~excess fines (bottom layer)	 Very limited ~excess fines (bottom layer) ~excess fines (thickest layer)	 Very limited ~wetness (very limited) 	 Very limited ~wetness (very limited) ~flooding (moderately limited

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 Map symbol and soil name	 Source for roadfill	Source for sand	Source for gravel	 Source for topsoil	 Shallow excavations
	 Limitation	 Limitation	Limitation	 Limitation	Limitation
YuF2:			İ	İ	İ
Yunes	Very limited ~depth to bedrock (very limited) ~slope (very limited) ~shrink-swell (moderately limited)	Very limited -excess fines (thickest layer) -excess fines (bottom layer)	Possible source ~excess fines (bottom layer) ~possible source (thickest layer)	Very limited -depth to bedrock (very limited) -slope (very limited) -small stones (very limited)	Very limited ~soft bedrock <20" (very limited) ~slope (very limited) ~cutbanks cave (slightly limited)